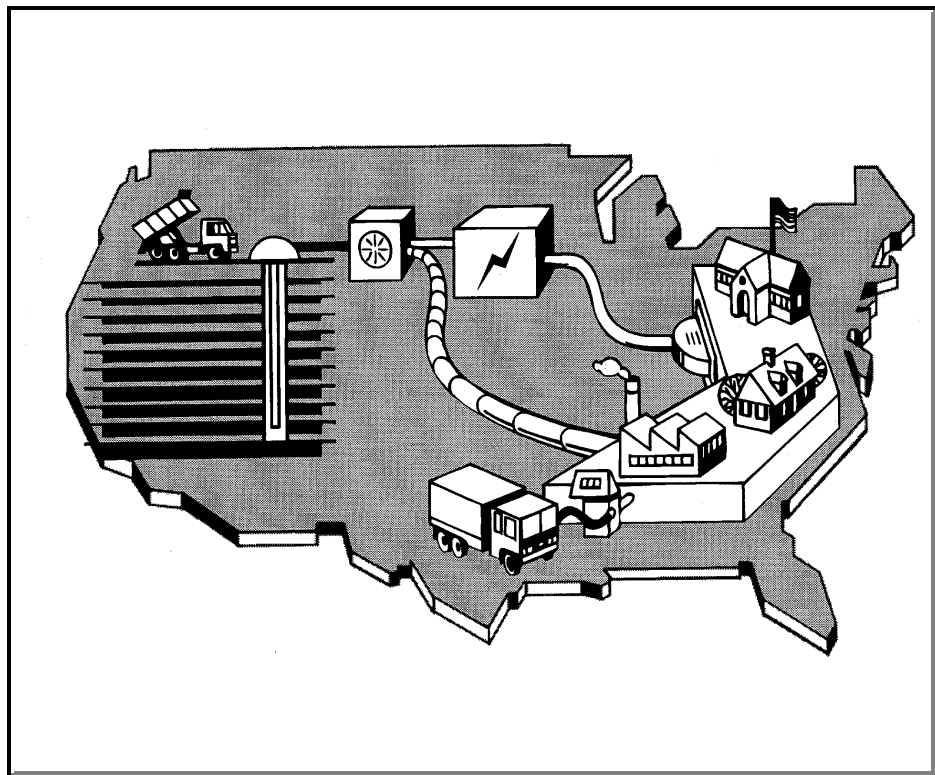




Landfill Gas-to-Energy Project Opportunities

Landfill Profiles for the State of Alabama



EPA Landfill Methane Outreach Program



The EPA Landfill Methane Outreach Program, a key component of the United State's *Climate Change Action Plan*, encourages the use of landfill gas (LFG) as an energy resource. EPA assists utilities, municipal and private landfill owners and operators, tribes, and state agencies in reducing methane emissions from landfills through the development of profitable landfill energy recovery projects. Methane captured from landfills can be transformed into a cost-effective fuel source for electricity, heat, boiler and vehicular fuel, or sale to a pipeline. EPA estimates there are approximately 200 landfill methane recovery projects in the U.S. and that up to 750 landfills could install economically viable landfill energy projects.

The Landfill Methane Outreach Program includes five important components: the State Ally, Energy Ally, Industry Ally, Community Partner, and Endorser programs. EPA establishes separate alliances with state agencies, energy providers (including investor-owned, municipal and other public power utilities and cooperatives), key trade and public sector associations, members of the landfill gas development industry (including developers, engineers, equipment vendors, and others) and local communities, municipalities and landfill owner/operators through a Memorandum of Understanding (MOU). By signing the MOU, each Ally/Partner acknowledges a shared commitment to the promotion of landfill gas-to-energy recovery at solid waste landfills, recognizes that the widespread use of landfill gas will reduce emissions of methane and other gases, and commits to undertake activities to enhance development of this resource. In return, EPA agrees to provide landfill gas-to-energy project assistance and public recognition of the Allies' and Partners' participation in the program.

Introduction

Since 1994 the U.S. EPA's Landfill Methane Outreach Program (LMOP) has participated in an ongoing effort to gather information on Municipal Solid Waste landfills (MSW). A key component of the LMOP is to provide MSW landfill owners and operators, project developers, utilities, and other potential project participants with information on MSW landfills that may offer attractive energy development opportunities. This document presents state specific landfill information, hereinafter referred to as the landfill profiles. These profiles are useful to evaluate the potential for developing landfill gas-to-energy projects (LFGTE). EPA assembled this information from state and local sources as well as various national solid waste publications, landfill owners and operators, and project developers.

The EPA has prepared a separate document to describe the methodology used to develop the state-specific landfill profiles and estimate the benefits of using LFGTE as an energy source. The document, *Landfill Gas-to-Energy Project Opportunities, Background Information on Landfill Profiles*, contains background information on gas collection and use, describes the data fields according to the five sections listed on the landfill profiles, and where applicable, illustrates calculations and default values used to derive estimates. EPA strongly recommends that users read the document prior to using the landfill profiles. Users can obtain the document by calling the LMOP hotline at 1-888-STAR-YES.

Data Sources

- EPA-ORD Landfill Gas Utilization-Survey (Thorneloe, 1997)
- Directory and Atlas of Solid Waste Disposal Facilities (SWA, 1994)
- Implementation Guide for Landfill Gas Recovery Projects in the Northeast (SCS, 1994)
- Landfill Gas-to-Energy 1994-1995 Activity Report (SWT, 1994)
- Methane Recovery from Landfill Yearbook (GAA, 1994)
- Project developers, landfill owners, and operators
- State and local records
- Survey of Landfill Gas Generation Potential (EPRI, 1992)
- U.S. Landfill Directory (SWANA, 1992)

Landfill Classification

To facilitate the use of available landfill information, EPA has categorized the landfills into five categories: Current Project,¹ Candidate Project, Shutdown, Other, and Unknown waste-in-place (WIP). These categories are based on the status of the landfill's LFGTE project(s) and WIP. The generation of methane is a function of many factors, the most critical being the amount of waste-in-place and the number of years the waste has been in the landfill. Peak methane generation occurs soon after closure; therefore, the longer the landfill has been closed, the less attractive it becomes for methane recovery. Based on the general timing of peak methane generation, EPA assumes that landfills that ceased accepting waste prior to 1993 have a low probability of generating enough methane to make a gas recovery project economical. Consequently, landfills need to be operating in 1993 to be considered as having a Candidate Project.

Landfill Categorizes

Current Project:

- Landfill with operational LFGTE project or landfill with LFGTE project under construction.

Candidate Project:

- Landfill with a potential or planned LFGTE utilization project; or
- Landfill is currently operating or closed after 1993; and has more than 1,000,000 tons of municipal solid waste-in-place.²

Shutdown:

- Landfill with shutdown LFGTE project.

Other:

- Landfill has less than 1,000,000 tons of municipal solid waste-in-place with no current or planned LFGTE project.

Unknown WIP:

- Landfill with insufficient data to determine the waste-in-place.

State Summary

State-specific landfill profile information is summarized in three exhibits. Exhibit 1 presents a summary of the state-specific potential for LFG utilization energy by landfill category. Exhibit 2 summarizes the emissions avoided by fossil fuel displacement for electricity generation and direct use projects. Exhibit 3 presents an index of the state-specific MSW landfills, referenced by category, landfill name and general characteristics.

¹ Current projects illustrate the wide range of successful project development options.

² By modeling the relationship between WIP and methane generation, a cut-off of 1,000,000 tons of WIP was established; landfills having at least 1,000,000 tons of WIP are considered candidate landfills.



Exhibit 1: Alabama MSW Landfill Summary

Category	No. of Landfills	Est. Capacity Potential		Est. CH4 Generation (mmscf/d)	Methane Reduction (tons/yr)		CO2 Equivalent of CH4 Reduction (tons/yr)	
		Electricity (MW)	Gas Capacity (mmBtu/hr)		Potential	Current	Potential	Current
Current	3	18	182	6	33,629	24,283	706,207	509,937
Candidate	21	74	737	24	136,368	0	2,863,726	0
Shutdown	1	2	21	1	3,848	0	80,810	0
Other	8	12	118	4	21,738	0	456,492	0
Unknown WIP	1							
Total	34	106	1,057	34	195,583	24,283	4,107,235	509,937

Exhibit 2: Potential Alabama Emissions Avoided by Fossil Fuel Displacement

Category	Electricity Generation Project						Direct Use Project					
	CO2 (tons/yr)			SO2 (tons/yr)			CO2 (tons/yr)			SO2 (tons/yr)		
	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas
Current	143,648	117,900	79,278	908	759	0	101,269	83,117	55,889	921	484	0
Candidate	581,696	477,430	321,031	3,677	3,073	0	410,653	337,046	226,634	3,736	1,964	2
Shutdown	16,575	13,604	9,147	105	88	0	11,588	9,511	6,395	105	55	0
Other	91,556	75,145	50,529	579	484	0	65,460	53,727	36,126	596	313	0
Unknown WIP												
Total	833,475	684,079	459,984	5,268	4,404	0	588,970	483,400	325,045	5,359	2,817	3

Exhibit 3: Index of Landfills in Alabama

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Current	Huntsville MSWLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	New Georgia MSWLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	North Montgomery SLF MSWLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Candidate	Acmar Regional Landfill MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Athens/Limestone County SLF MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Bishop SLF MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Calhoun County SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Chastang SLF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	City of Dothan SLF MSWLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Colbert County SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Decatur SLF MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Eastern SLF MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Florence SLF MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Florence SLF MSWLF (Old)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Fort Payne SLF MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Highway 70 SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Magnolia SLF MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Monroe County SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Mt. Olive SLF MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Salem Waste Disposal, Inc. MSWLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Shannon SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Southside Storage, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Superior Cedar Hill LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Turkey Creek SLF MSWLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Shutdown	Irvington SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shutdown
Other	Coffee County Regional SLF MWSLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Cullman County SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Cullman Environmental Waste Manage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Pine View SLF MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Saraland SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Timberlands SLF MSWLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Tuskegee SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Valley View SLF (Stevenson SLF)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Troy SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Superior Services, Inc	Annual Acceptance Rate (tons):	114,860
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:	Acmar Coal County SLF	Design Capacity (tons):	
City:	Moody	Acres Currently Landfilled (acres):	
County:	St. Clair	Average Depth (feet):	
State:	AL	Waste-in-Place (tons):	1,289,239
Year Open:	1983	1998 Waste-in-Place (tons):	1,381,326
Year Closed:	1997		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.77
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	Yes

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Southern Alabama Power		
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		24
Current Capacity:			
Planned Capacity:			

Utilities in County: Alabama Power Company; Coosa Valley Electric Coop Inc

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>		4,459		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		93,645		0
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	18,943	120	13,429	122
<i>Fuel Oil:</i>	15,547	100	11,022	64
<i>Natural Gas:</i>	10,454	0	7,411	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:	Jay Warzinski	Terry Kelley, Site Manager
Mailing Address:	One Honey Creek Corporate Center 125 South 84th Street	3301 Acmar Road P.O. Box 430
Phone Number:	414-529-1360/328-2800	205-640-1799
Fax Number:	205-640-1718	

* *Italicized indicates values estimated by EPA.*

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Athens/Limestone County SLF MSWLF		Landfill Category: Candidate
A. GENERAL LANDFILL INFORMATION		
Landfill Owner:	City of Athens	Annual Acceptance Rate (tons):
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported: 1995
Alternative Landfill Name:		Design Capacity (tons):
City:	Athens	Acres Currently Landfilled (acres): 65
County:	Limestone	Average Depth (feet): 78
State:	AL	Waste-in-Place (tons): 1,195,575
Year Open:	1972	1998 Waste-in-Place (tons): 1,243,398
Year Closed:	1997	
B. LANDFILL GAS COLLECTION		
Estimated Methane Generation (mmscf/d):		0.74
LFG Collection System Status:		
Current LFG Collected (mmscf/d):		
Collection and Treatment System Required Under NSPS/EG:		No
C. LANDFILL GAS UTILIZATION		
Current Utilization:		
Utilization System Status:	Potential	
Utilization System Type:	Unknown	
Utilization System Start Year:		
Electric Utility Provider(s):	Decatur Utilities	
Natural Gas Provider(s):	Wheeler Basin Gas	
Energy Purchaser(s):	Asphalt plant	
Capacity:	Electricity Generation Project (MW)	OR Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2	23
Current Capacity:		
Planned Capacity:		
Utilities in County: Athens Utilities; Tennessee Valley Authority		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION		
	<i>Potential</i>	<i>Current</i>
Methane Reduction (tons/yr):	4,255	0
CO2 Equivalent of CH4 Reduction (tons/yr):	89,363	0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>	<i>Direct Use Project</i>
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,153 115	12,814 117
Fuel Oil:	14,899 96	10,518 61
Natural Gas:	10,019 0	7,072 0
E. CONTACT INFORMATION		
Landfill Owner		Landfill Operator
Contact Name:	Joe Pugh	Larry Elkins, Sanitation Director
Mailing Address:	P.O. Box 2419	P.O. Box 1089
Phone Number:	205-233-8730	205-233-8747
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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Bishop SLF MSWLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Bishop Landfill Company	Annual Acceptance Rate (tons):	63,926	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1995	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Albertville	Acres Currently Landfilled (acres):	45	
County:	Marshall	Average Depth (feet):		
State:	AL	Waste-in-Place (tons):	1,078,906	
Year Open:	1978	1998 Waste-in-Place (tons):	1,192,475	
Year Closed:	2004			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.72		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):	Gas Pipeline			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	2		23	
Current Capacity:				
Planned Capacity:				
Utilities in County: Albertville Utils Board; Arab Electric Cooperative Inc; Cherokee Electric Cooperative; Guntersville E				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,180		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	87,782		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	18,153	115	12,588	115
Fuel Oil:	14,899	96	10,331	60
Natural Gas:	10,019	0	6,947	0
E. CONTACT INFORMATION				
Landfill Owner			Landfill Operator	
Contact Name:	Phillip Bishop	Jack Honeycutt		
Mailing Address:	5390 Alabama Hwy, 205N P.O. Box 2472	P.O. Box 2472		
Phone Number:	205-878-0939	334-277-9732		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



Calhoun County SLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Calhoun County Commission	Annual Acceptance Rate (tons):	7,252	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994	
Alternative Landfill Name:	Anniston SLF	Design Capacity (tons):		
City:	Anniston	Acres Currently Landfilled (acres):		
County:	Calhoun	Average Depth (feet):		
State:	AL	Waste-in-Place (tons):	7,138,427	
Year Open:	1969	1998 Waste-in-Place (tons):	6,863,878	
Year Closed:	1993			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		2.17		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):	U.S. Army Depot			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	7		68	
Current Capacity:				
Planned Capacity:				
Utilities in County: Alabama Power Company; Cherokee Electric Cooperative; Coosa Valley Electric Coop Inc; Piedmont				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	12,567		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	263,905		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	53,671	339	37,843	344
Fuel Oil:	44,051	284	31,060	181
Natural Gas:	29,620	0	20,885	0
E. CONTACT INFORMATION				
Landfill Owner			Landfill Operator	
Contact Name:	Butler Green	Butler Green		
Mailing Address:	1702 Noble Street, Suite 103	1702 Noble Street, Suite 103		
Phone Number:	205-236-3521			
Fax Number:		205-237-7131		

* *Italicized indicates values estimated by EPA.*



Chatang SLF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Mobile	Annual Acceptance Rate (tons):	137,048
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1995
Alternative Landfill Name:	City of Mobile SLF MSWLF	Design Capacity (tons):	
City:	Mobile	Acres Currently Landfilled (acres):	
County:	Mobile	Average Depth (feet):	
State:	AL	Waste-in-Place (tons):	3,184,981
Year Open:	1978	1998 Waste-in-Place (tons):	3,520,245
Year Closed:			
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.32	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Direct Thermal		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	E.L.F Autochem		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		41
Current Capacity:			
Planned Capacity:			
Utilities in County: Alabama Power Company; Southeastern Power Admin			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	7,622		0
CO2 Equivalent of CH4 Reduction (tons/yr):	160,068		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	32,360	205	22,954 209
Fuel Oil:	26,560	171	18,839 110
Natural Gas:	17,859	0	12,668 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Mike Dow, Mayor	James Sweat, Landfill Manager	
Mailing Address:	P.O. Box 1827	770 Gayle Street	
Phone Number:	205-434-7840	205-434-7677	
Fax Number:			

City of Dothan SLF MSWLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	City of Dothan	Annual Acceptance Rate (tons):	99,824	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1995	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Dothan	Acres Currently Landfilled (acres):	80	
County:	Houston	Average Depth (feet):		
State:	AL	Waste-in-Place (tons):	4,299,512	
Year Open:	1969	1998 Waste-in-Place (tons):	4,606,620	
Year Closed:	2005			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.60		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):	City Municipal Utility			
Natural Gas Provider(s):	Southeast Alabama Gas District			
Energy Purchaser(s):	S.E. Electrical			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	5		50	
Current Capacity:				
Planned Capacity:				
Utilities in County: Alabama Power Company; Dothan Electric Dept; Southeastern Power Admin; Wiregrass Electric Co				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	9,229		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	193,807		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	39,464	249	27,792	253
Fuel Oil:	32,390	209	22,810	133
Natural Gas:	21,780	0	15,338	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Jerry Corbin, PW Director	Bill Ward		
Mailing Address:	P.O. Box 2128	P.O. Box 2128		
Phone Number:	334-793-0185	334-793-0185		
Fax Number:	334-712-2587			

Colbert County SLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Colbert County Commission	Annual Acceptance Rate (tons):	202,887	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1989	
Alternative Landfill Name:		Design Capacity (tons):		
City:		Acres Currently Landfilled (acres):	100	
County:	Colbert	Average Depth (feet):	45	
State:	AL	1996 Waste-in-Place (tons):	1,000,000	
Year Open:	1970	1998 Waste-in-Place (tons):	1,000,000	
Year Closed:	1989			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.67		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):	Sheffield Power			
Natural Gas Provider(s):				
Energy Purchaser(s):	Great Southern			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	2		21	
Current Capacity:				
Planned Capacity:				
Utilities in County: Cherokee Electric Cooperative; Franklin Electric Cooperative; Muscle Shoals Elec Board; Sheffield P				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	3,895		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	81,803		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	16,575	105	11,731	107
Fuel Oil:	13,604	88	9,628	56
Natural Gas:	9,147	0	6,474	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Tom Pennington, Chairman, District No. 2	Howard Keaton		
Mailing Address:	201 North Main Street	P.O. Box 408		
Phone Number:	205-386-8500	205-381-9030		
Fax Number:				

* *Italicized indicates values estimated by EPA.*

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Decatur SLF MSWLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	City of Decatur	Annual Acceptance Rate (tons):	120,000	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:	Morgan County SLF MSWLF	Design Capacity (tons):		
City:	Decatur	Acres Currently Landfilled (acres):		
County:	Morgan	Average Depth (feet):		
State:	AL	1998 Waste-in-Place (tons):	2,150,696	
Year Open:	1974	1998 Waste-in-Place (tons):	2,150,696	
Year Closed:	2032			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.97		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		30	
Current Capacity:				
Planned Capacity:				
Utilities in County: Arab Electric Cooperative Inc; Cullman Electric Cooperative; Decatur Utilities; Hartselle Utilities Bo				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	5,597		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	117,539		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	23,678	150	16,855	153
Fuel Oil:	19,434	125	13,834	81
Natural Gas:	13,068	0	9,302	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Joe Pugh, Mayor	Richard Grace		
Mailing Address:	P.O. Box 2419 LFOwnAddress2	P.O. Box 488		
Phone Number:	205-233-8730	205-351-7988		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



Eastern SLF MSWLF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Street & Sanitation Department	Annual Acceptance Rate (tons):	72,276
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1995
Alternative Landfill Name:	Eastern Area LF/MSWLF	Design Capacity (tons):	
City:	Birmingham	Acres Currently Landfilled (acres):	75
County:	Jefferson	Average Depth (feet):	
State:	AL	Waste-in-Place (tons):	1,676,587
Year Open:	1975	1998 Waste-in-Place (tons):	1,829,004
Year Closed:	2016		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.89	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		28
Current Capacity:			
Planned Capacity:			
Utilities in County: Alabama Power Company; Bessemer Elec Service; Southeastern Power Admin; Tarrant, City of, Elec			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,121		0
CO2 Equivalent of CH4 Reduction (tons/yr):	107,547		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,100	140	15,422 140
Fuel Oil:	18,139	117	12,658 74
Natural Gas:	12,197	0	8,511 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	James L. Stewart, Sanitation Director	Mickey Hamilton, Landfill Supervisor	
Mailing Address:	501 6th Avenue South	501 6th Avenue South	
Phone Number:	205-254-6316	205-841-4732	
Fax Number:			

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	City of Florence Public Works	Annual Acceptance Rate (tons):	51,480
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Florence	Acres Currently Landfilled (acres):	
County:	Lauderdale	Average Depth (feet):	
State:	AL	Waste-in-Place (tons):	275,643
Year Open:	1988	1998 Waste-in-Place (tons):	758,018
Year Closed:	2015		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.27
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Florence Electricity		
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	1		8
Current Capacity:			
Planned Capacity:			

Utilities in County: Florence Electric Dept; Tennessee Valley Authority

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>		1,549		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		32,525		0
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	6,314	40	4,664	42
<i>Fuel Oil:</i>	5,182	33	3,828	22
<i>Natural Gas:</i>	3,485	0	2,574	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:	Jimmy Hickman, City Sanitation Director	Jimmy Hickman, City Sanitation Director
Mailing Address:	P.O. Box 98	P.O. Box 98
Phone Number:	205-740-4146	205-740-4146
Fax Number:		

* *Italicized indicates values estimated by EPA.*

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Florence SLF MSWLF (Old)		Landfill Category:	Candidate
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Florence	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1992
Alternative Landfill Name:		Design Capacity (tons):	
City:	Florence	Acres Currently Landfilled (acres):	
County:	Lauderdale	Average Depth (feet):	
State:	AL	Waste-in-Place (tons):	1,461,912
Year Open:	1969	1998 Waste-in-Place (tons):	1,218,260
Year Closed:	1988		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.73	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Florence Electricity		
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		23
Current Capacity:			
Planned Capacity:			
Utilities in County: Florence Electric Dept; Tennessee Valley Authority			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,218		0
CO2 Equivalent of CH4 Reduction (tons/yr):	88,582		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,153	115	12,703 116
Fuel Oil:	14,899	96	10,426 61
Natural Gas:	10,019	0	7,010 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Jimmy Hickman, City Sanitation Director	Jimmy Hickman, City Sanitation Director	
Mailing Address:	P.O. Box 98	P.O. Box 98	
Phone Number:	205-740-4146	205-740-4146	
Fax Number:			

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Fort Payne SLF MSWLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	City of Fort Payne	Annual Acceptance Rate (tons):	51,664	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Fort Payne	Acres Currently Landfilled (acres):	43	
County:	De Kalb	Average Depth (feet):	50	
State:	AL	Waste-in-Place (tons):	1,456,490	
Year Open:	1969	1998 Waste-in-Place (tons):	1,508,505	
Year Closed:	1997			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.80		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):	Fort Payne Improvement Authority			
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		25	
Current Capacity:				
Planned Capacity:				
Utilities in County: Cherokee Electric Cooperative; Marshall-De Kalb Electric Coop; Sand Mountain Electric Coop; Tenn				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,647		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	97,595		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	19,732	125	13,995	127
Fuel Oil:	16,195	104	11,487	67
Natural Gas:	10,890	0	7,724	0
E. CONTACT INFORMATION				
Landfill Owner			Landfill Operator	
Contact Name:	Kenny Freer	John Walker, Landfill Supervisor		
Mailing Address:	200 Gault Avenue South	200 Gault Avenue South		
Phone Number:	256-845-6418	256-845-8897		
Fax Number:				

Highway 70 SLF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Shelby County	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Shelby County SLF	Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Shelby	Average Depth (feet):	
State:	AL	Waste-in-Place (tons):	2,104,520
Year Open:	1982	1998 Waste-in-Place (tons):	2,244,819
Year Closed:	1997		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.99	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		31
Current Capacity:			
Planned Capacity:			
Utilities in County: Alabama Power Company; Coosa Valley Electric Coop Inc; Southeastern Power Admin			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,736		0
CO2 Equivalent of CH4 Reduction (tons/yr):	120,462		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	24,468	155	17,274 157
Fuel Oil:	20,082	129	14,178 83
Natural Gas:	13,503	0	9,533 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Alex Duchoff, County Manager	George Holcomb, Environmental Manager	
Mailing Address:	510 Highway 70	510 Highway 70	
Phone Number:	205-669-3740	205-669-3880	
Fax Number:			

* Italicized indicates values estimated by EPA.



Huntsville MSWLF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Huntsville	Annual Acceptance Rate (tons):	266,671
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1989
Alternative Landfill Name:		Design Capacity (tons):	
City:	Huntsville	Acres Currently Landfilled (acres):	215
County:	Madison	Average Depth (feet):	40
State:	AL	Waste-in-Place (tons):	4,842,834
Year Open:	1971	1998 Waste-in-Place (tons):	4,842,834
Year Closed:	1989		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.66		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	2.3		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Boiler		
Utilization System Start Year:	1990		
Electric Utility Provider(s):	Huntsville Utilities		
Natural Gas Provider(s):	Huntsville Utilities		
Energy Purchaser(s):	Redstone Arsenal		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		52
Current Capacity:			2
Planned Capacity:			
Utilities in County:	Alabama Power Company; Huntsville Utilities; Tennessee Valley Authority		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,578		8,865
CO2 Equivalent of CH4 Reduction (tons/yr):	201,142		186,167
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,042	259	28,843 262
Fuel Oil:	33,686	217	23,673 138
Natural Gas:	22,651	0	15,918 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Eddie Coker	Rusty Fugerson	
Mailing Address:	P.O. Box 2619	P.O. Box 2619	
Phone Number:	205-880-6054	205-881-8700	
Fax Number:			

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Irvington SLF			Landfill Category: Shutdown	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Mobile County Commission	Annual Acceptance Rate (tons):		
Landfill Owner Type:		Year Annual Acceptance Rate Reported:		
Alternative Landfill Name:		Design Capacity (tons):		
City:	Mobile	Acres Currently Landfilled (acres):	60	
County:	Mobile	Average Depth (feet):	30	
State:	AL	Waste-in-Place (tons):	967,998	
Year Open:	1974	1998 Waste-in-Place (tons):	967,998	
Year Closed:	1984			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.67		
LFG Collection System Status:		Operational		
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Shutdown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	2		21	
Current Capacity:				
Planned Capacity:				
Utilities in County:	Alabama Power Company; Southeastern Power Admin			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	3,848		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	80,810		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	16,575	105	11,588	105
Fuel Oil:	13,604	88	9,511	55
Natural Gas:	9,147	0	6,395	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	, Commission President			
Mailing Address:	P.O. Box 1443		P.O. Box 236	
Phone Number:	334-690-8605		334-626-6926	
Fax Number:				

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Magnolia SLF MSWLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Baldwin County Commission	Annual Acceptance Rate (tons):	96,935	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1995	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Magnolia Springs	Acres Currently Landfilled (acres):	500	
County:	Baldwin	Average Depth (feet):		
State:	AL	Waste-in-Place (tons):	1,815,335	
Year Open:	1980	1998 Waste-in-Place (tons):	1,642,446	
Year Closed:	2030			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.84		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):	EMC Co-Operative			
Natural Gas Provider(s):				
Energy Purchaser(s):	EMC Coop, Surrounding Farms (seasonal)			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		26	
Current Capacity:				
Planned Capacity:				
Utilities in County: Alabama Power Company; Baldwin County El Member Corp; Fairhope Electric Dept; Riviera Utilitie				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,846		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	101,756		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	20,521	130	14,592	133
Fuel Oil:	16,843	108	11,976	70
Natural Gas:	11,325	0	8,053	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Mickey Hamilton	Don Terry		
Mailing Address:	15140 County Road 49	15140 County Road 49		
Phone Number:	334-937-0264	334-988-8125		
Fax Number:		334-580-2582		

* *Italicized indicates values estimated by EPA.*



Monroe County SLF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Monroe County Commission	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Monroeville	Acres Currently Landfilled (acres):	
County:	Monroe	Average Depth (feet):	
State:	AL	Waste-in-Place (tons):	1,205,385
Year Open:	1982	1998 Waste-in-Place (tons):	1,205,386
Year Closed:	1993		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.73	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		23
Current Capacity:			
Planned Capacity:			
Utilities in County: Alabama Power Company; Baldwin County El Member Corp; Clarke-Washington EMC; Pioneer Elec			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,199		0
CO2 Equivalent of CH4 Reduction (tons/yr):	88,181		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,153	115	12,645 115
Fuel Oil:	14,899	96	10,379 61
Natural Gas:	10,019	0	6,979 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Robert English, County Engineer		
Mailing Address:	P.O. Box 8		
Phone Number:	334-743-3672		
Fax Number:			

* Italicized indicates values estimated by EPA.



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Jefferson County Commission	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Mt.Olive	Acres Currently Landfilled (acres):	
County:	Jefferson	Average Depth (feet):	
State:	AL	Waste-in-Place (tons):	2,071,034
Year Open:	1969	1998 Waste-in-Place (tons):	2,145,000
Year Closed:	1997		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.97
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:		Potential	
Utilization System Type:		Unknown	
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	3		30
Current Capacity:			
Planned Capacity:			

Utilities in County: Alabama Power Company; Bessemer Elec Service; Southeastern Power Admin; Tarrant, City of, Elec

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	5,589	0
CO2 Equivalent of CH4 Reduction (tons/yr):	117,361	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	23,678 150	16,829 153
Fuel Oil:	19,434 125	13,813 81
Natural Gas:	13,068 0	9,288 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Chris McNair, Chairman	Mark Bryant, Solid Waste Administrator
Mailing Address:	Courthouse Annex Room 217	202-B Courthouse
Phone Number:	205-325-5504	205-325-5139
Fax Number:		205-325-5981

* *Italicized indicates values estimated by EPA.*

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New Georgia MSWLF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	City of Birmingham	Annual Acceptance Rate (tons):	230,660
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1995
Alternative Landfill Name:	Birmingham SLF	Design Capacity (tons):	
City:	Birmingham	Acres Currently Landfilled (acres):	150
County:	Jefferson	Average Depth (feet):	60
State:	AL	1994 Waste-in-Place (tons):	6,394,527
Year Open:	1956	1998 Waste-in-Place (tons):	7,183,580
Year Closed:	2014		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.73		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	4.0		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Direct Thermal		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Sloss Industries		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		54
Current Capacity:			83
Planned Capacity:			
Utilities in County:	Alabama Power Company; Bessemer Elec Service; Southeastern Power Admin; Tarrant, City of, Elec		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	10,005		15,418
CO2 Equivalent of CH4 Reduction (tons/yr):	210,095		323,770
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	42,621	269	30,127 274
Fuel Oil:	34,981	225	24,727 144
Natural Gas:	23,522	0	16,627 0
E. CONTACT INFORMATION			
	Landfill Owner	Landfill Operator	
Contact Name:	James L. Stewart, Sanitation Director	Mickey Hamilton, Landfill Supervisor	
Mailing Address:	501 6th Avenue South	501 6th Avenue South	
Phone Number:	205-254-6316	205-841-4732	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



North Montgomery SLF MSWLF			Landfill Category: Current	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	City of Montgomery	Annual Acceptance Rate (tons):	302,252	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1995	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Montgomery	Acres Currently Landfilled (acres):	348	
County:	Montgomery	Average Depth (feet):		
State:	AL	Waste-in-Place (tons):	7,259,313	
Year Open:	1973	1998 Waste-in-Place (tons):	7,864,256	
Year Closed:	2011			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		2.43		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		Yes		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Operational			
Utilization System Type:	Direct Thermal			
Utilization System Start Year:	1998			
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):	Jenkins Brick			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	8		76	
Current Capacity:				
Planned Capacity:				
Utilities in County: Alabama Power Company; Dixie Electric Cooperative; South Alabama Elec Coop Inc; Southeastern P				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	14,046		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	294,970		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	59,985	379	42,298	385
Fuel Oil:	49,233	317	34,717	202
Natural Gas:	33,105	0	23,344	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Chuck Shaner, Mayor	James H. Sigler		
Mailing Address:	P.O. Box 1111	P.O. Box 1111		
Phone Number:	334-241-2000	334-240-4527		
Fax Number:	334-240-4874			

* *Italicized indicates values estimated by EPA.*



Salem Waste Disposal, Inc. MSWLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Salem Waste Disposal	Annual Acceptance Rate (tons):	419,950	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1995	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Opelika	Acres Currently Landfilled (acres):	222	
County:	Lee	Average Depth (feet):		
State:	AL	Waste-in-Place (tons):	3,583,572	
Year Open:	1985	1998 Waste-in-Place (tons):	4,180,834	
Year Closed:	2037			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.49		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):	Tire Plant, Lumber Company			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	5		47	
Current Capacity:				
Planned Capacity:				
Utilities in County: Alabama Power Company; Dixie Electric Cooperative; Opelika Light & Power Dept; Southeastern Po				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	8,599		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	180,583		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	36,307	230	25,895	236
Fuel Oil:	29,799	192	21,254	124
Natural Gas:	20,037	0	14,291	0
E. CONTACT INFORMATION				
Landfill Owner			Landfill Operator	
Contact Name:	Ken Mullins	Mark Behel		
Mailing Address:	4210 Lee Rd. 183	4210 Lee Rd. 183		
Phone Number:	334-745-0181	334-745-0181		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



Shannon SLF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Jefferson County Solid Waste Admin.	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Morris	Acres Currently Landfilled (acres):	
County:	Jefferson	Average Depth (feet):	
State:	AL	Waste-in-Place (tons):	9,324,502
Year Open:	1972	1998 Waste-in-Place (tons):	9,324,502
Year Closed:	1993		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		2.80	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):	Southern Natural Gas, Alabama Gas		
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	9		88
Current Capacity:			
Planned Capacity:			
Utilities in County: Alabama Power Company; Bessemer Elec Service; Southeastern Power Admin; Tarrant, City of, Elec			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	16,206		0
CO2 Equivalent of CH4 Reduction (tons/yr):	340,318		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	69,456	439	48,801 444
Fuel Oil:	57,007	367	40,054 233
Natural Gas:	38,332	0	26,933 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Chris McNair, Chairman	Mark Bryant, Solid Waste Administrator	
Mailing Address:	Courthouse Annex	202 B-Courthouse	
Phone Number:	205-325-5504	205-325-5139	
Fax Number:		205-325-5981	

* *Italicized indicates values estimated by EPA.*



Southside Storage, Inc.		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Southside Storage, Inc.	Annual Acceptance Rate (tons):	255,242
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1995
Alternative Landfill Name:	Lott Road LF; Old Brownlee Pit	Design Capacity (tons):	
City:	Chickasaw	Acres Currently Landfilled (acres):	73
County:	Mobile	Average Depth (feet):	50
State:	AL	Waste-in-Place (tons):	4,550,396
Year Open:	1978	1998 Waste-in-Place (tons):	5,029,389
Year Closed:	2008		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.70	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		53
Current Capacity:			
Planned Capacity:			
Utilities in County: Alabama Power Company; Southeastern Power Admin			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,854		0
CO2 Equivalent of CH4 Reduction (tons/yr):	206,936		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,832	264	29,674 270
Fuel Oil:	34,334	221	24,355 142
Natural Gas:	23,086	0	16,377 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	James Jackson	Mark Connor	
Mailing Address:	P.O. Box 11339	P.O. Box 11339	
Phone Number:	334-452-8082	334-456-5321	
Fax Number:			

* Italicized indicates values estimated by EPA.



Superior Cedar Hill LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Urban Sanitation Corporation	Annual Acceptance Rate (tons):	110,425	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1995	
Alternative Landfill Name:	Harmons SLF MSWLF, Urban Sanitation Co	Design Capacity (tons):		
City:	Ragwell	Acres Currently Landfilled (acres):		
County:	St. Clair	Average Depth (feet):		
State:	AL	Waste-in-Place (tons):	1,249,440	
Year Open:	1973	1998 Waste-in-Place (tons):	1,353,560	
Year Closed:	2016			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.76		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	2		24	
Current Capacity:				
Planned Capacity:				
Utilities in County: Alabama Power Company; Coosa Valley Electric Coop Inc				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,418		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	92,784		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	18,943	120	13,305	121
Fuel Oil:	15,547	100	10,920	64
Natural Gas:	10,454	0	7,343	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Mr. Smith	Raymond Cash		
Mailing Address:	P.O. Box 145	P.O. Box 145		
Phone Number:	205-338-7821	205-338-7821		
Fax Number:	205-338-1062			

* *Italicized indicates values estimated by EPA.*



Turkey Creek SLF MSWLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Jefferson County	Annual Acceptance Rate (tons):	228,520	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993	
Alternative Landfill Name:		Design Capacity (tons):		
City:		Acres Currently Landfilled (acres):		
County:	Jefferson	Average Depth (feet):		
State:	AL	Waste-in-Place (tons):	4,657,815	
Year Open:	1972	1998 Waste-in-Place (tons):	4,844,128	
Year Closed:	1997			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.66		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):	Jefferson County Jail			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	5		52	
Current Capacity:				
Planned Capacity:				
Utilities in County: Alabama Power Company; Bessemer Elec Service; Southeastern Power Admin; Tarrant, City of, Elec				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	9,580		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	201,182		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	41,042	259	28,849	263
Fuel Oil:	33,686	217	23,678	138
Natural Gas:	22,651	0	15,922	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Chris McNair, Chairman	Mark Bryant, Solid Waste Administrator		
Mailing Address:	Courthouse Annex Room 217	202-B Courthouse		
Phone Number:	205-325-5504	205-325-5139		
Fax Number:		205-325-5981		

* *Italicized indicates values estimated by EPA.*

